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IAP20 Rec'd PCT/PTO 16 DEC 2005  
New PCT National Stage Application  
Docket No. 14010-000008/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Masaru KARIYAMA  
Int'l App. No.: PCT/JP2003/007765  
Application No.: **NEW APPLICATION**  
Filed: December 16, 2005  
For: **SEMICONDUCTOR DEVICE AND  
MANUFACTURING METHOD FOR THE SAME**

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**INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
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December 16, 2005

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

**II. COPIES**

- Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- This application is a National Phase of a PCT application. All of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

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Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

**III. CONCISE EXPLANATION OF THE RELEVANCE**  
(check at least one box)

a.  **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b.  **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

Many of the documents have been discussed in the PCT Search Report, the PCT Preliminary Examination Report, and/or throughout the specification. The PCT Search Report and German translation aid translating key terms into English, indicate the degree of relevance found by the PCT Office, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3); and

U.S. Patent No. 6,020,228 A corresponds to Japanese Patent Publication No. JP 10-229134 A; and U.S. Patent No. 5,834,347 A corresponds to Japanese Patent Publication No. JP 08-018052 A.

c.  **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d.  **OTHER**

The following additional information is provided for the Examiner's consideration.

Applicant encloses a copy of the International Search Report.

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By:   
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Enclosures:  PTO-1449 Form(s)  
 International Search Report

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|---|--|--|--|
| FORM HDP-1449 (Based on Form PTO-1449)  |  | ATTORNEY DOCKET No.<br>14010-000008/US | SERIAL NO.<br>107560905<br>NEW APPLICATION |
| PATENT AND TRADEMARK OFFICE<br>INFORMATION DISCLOSURE CITATION<br>(Use several sheets if necessary) |  | APPLICANT<br>Masaru KARIYAMA           |  |
| Sheet 1 of 1  |  | JAP200601PCT/PTO 16 DEC 2005           |  |
|   |  | FILING DATE<br>December 16, 2005       | GROUP<br>Unknown                           |

| U.S. PATENT DOCUMENTS |                     |                 |            |                          |                 |                              |
|-----------------------|---------------------|-----------------|------------|--------------------------|-----------------|------------------------------|
| Ref. Desig.           | Examiner's Initials | Document Number | Date       | Name (Inventor/Assignee) | Class/ Subclass | (If appropriate) Filing Date |
|                       |                     | US 6,020,228 A  | 02/01/2000 | HITACHI, LTD.            |                 |                              |
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| FOREIGN PATENT DOCUMENTS |                     |                  |            |         |                 |                    |
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| Ref. Desig.              | Examiner's Initials | Document Number  | Date       | Country | Class/ Subclass | Translation Yes No |
|                          |                     | JP 10-229134 A   | 08/25/1998 | JAPAN   |                 | X                  |
|                          |                     | JP 2003-007717 A | 01/10/2003 | JAPAN   |                 |                    |
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|                          |                     | JP 03-138951 A   | 06/13/1991 | JAPAN   |                 |                    |

| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) |                     |                             |  |  |  |  |
|--|---------------------|-----------------------------|--|--|--|--|
| Ref. Desig.  | Examiner's Initials |                             |  |  |  |  |
|  |                     | International Search Report |  |  |  |  |
|  |                     |                             |  |  |  |  |

|           |                  |
|-----------|------------------|
| Examiner: | Date Considered: |
|-----------|------------------|

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.